

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended): An ink for producing a membrane electrode assembly for a fuel cell comprising an electrocatalyst, an ionomer, water and an organic solvent, wherein said ionomer is employed in aqueous form and said organic solvent is at least one linear dialcohol with a flash point higher than 100°C and being present in the ink in a concentration between 1 and 50 wt.%, with respect to the weight of water.
2. (previously presented): The ink according to Claim 1, wherein said organic solvent is present in the ink in a concentration between 5 and 25 wt.%, with respect to the weight of water.
3. (previously presented): The ink according to Claim 1 wherein said linear alcohol is a dihydric alcohol wherein hydroxyl groups are not adjacent to each other.
4. (previously presented): The ink according to Claim 3 wherein said alcohol has a chain structure that is aliphatic – CH₂ groups, optionally with oxygen atoms between said CH₂ groups.
5. (previously presented): The ink according to Claim 1, wherein said dialcohol is a member selected from the group consisting of ethylene glycol, diethylene glycol, propylene glycol, dipropylene glycol, butanediol and mixtures thereof.
- 6-8.: Cancelled
9. (previously presented): The ink according to Claim 1, wherein said dialcohol is 1,2-propylene glycol or 1,3-propylene glycol.

10. (previously presented): The ink according to Claim 1, wherein said electrocatalyst is a noble metal-containing supported catalyst.

11. (previously presented): The ink according to Claim 1, wherein said electrocatalyst is a support-free catalyst.

12. (previously presented): The ink according to Claim 11, wherein said electrocatalyst is platinum black or platinum powder with high surface area.

13. (previously presented): The ink according to Claim 1, wherein the ionomer is employed as ionomer solution in aqueous form.

14. cancelled.

15. (currently amended): The ink according to Claim 13, wherein the ionomer solution ~~in aqueous form~~ has ~~[[a]]~~ an ionomer concentration of 10% in water.

16. (previously presented): A polymer electrolyte membrane coated with the ink of Claim 1.

17. (previously presented): A membrane electrode assembly with the ink of Claim 1.

18. (previously presented): A gas distributor substrate coated with the ink of Claim 1.

19. (new) The ink according to claim 13, wherein the ionomer solution has an ionomer concentration of 20% in water.